IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Sundarasamy MAHALINGAM; Velpandi AYYAVOO; Mamata PATEL: Thomas KIEBER-EMMONS; David B. WEINER **International Patent** Application No. PCT/US98/16890 **International Filing Date:** 14 August 1998 Serial No. 09/485421 For: FUNCTIONAL FRAGMENTS OF HIV-1 VPR PROTEIN AND METHODS OF USING THE SAME DECLARATION AND POWER OF ATTORNEY As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name; and I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a \boxtimes Design Patent Utility Patent is sought on the invention, whose title appears above, the specification of which: is attached hereto. 冈 was filed on August 14, 1998 in the PCT/US/RO under

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

said application having been amended on _____

International Serial No. PCT/US98/16890

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to the patentability of this application in accordance with 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a-d) of any **foreign application(s)** for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of any application on which priority is claimed:

| Priority Claimed (If X'd) | Country | Serial Number | Date Filed |
|---------------------------------|---------|---------------|------------|
| <pre></pre> | | | |

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

| Serial Number | Date Filed | Patented/Pending/Abandoned |
|---------------|------------|----------------------------|
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I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

| Serial Number | Date Filed |
|---------------|----------------|
| 60/055,754 | 14 August 1997 |
| | |
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| | |

I hereby appoint the following persons of the firm of **WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP**, One Liberty Place - 46th Floor, Philadelphia, Pennsylvania 19103 as attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

| Mark DeLuca | Reg. No | 33,229 |
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| Paul K. Legaard | Reg. No | 38,534 |

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Philadelphia PA 19103

Telephone No.: (215) 568-3100 Facsimile No.: (215) 568-3439

| Name: Sundarasamy MAHALINGAM | |
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| Mailing Address: Apartment #113 Valley Ridge Apartments Golden Crest Circle Birmingham AL 35209 USA | Signature Date of Signature: |
| City/State of Actual Residence: Birmingham, Alabama | Citizenship: <u>India</u> |
| | |

| Name: Velpandi AYYAVOO | | |
|---|-------------------------------|--|
| Mailing Address: 3410 Stonecliffe Drive Monroeville, PA 15146 USA | Signature Date of Signature: | |
| City/State of Actual Residence: Monrocville, Pennsylvania | Citizenship: India | |
| Name: Mamata PATEL | Manufa Patel | |
| Mailing Address: | Signature | |
| 89 Monroe Street, Apartment 4 Hoboken, NJ 07030 | Date of Signature: _/0/1/00 | |
| City/State of Actual Residence: Hoboken, New Jersey | Citizenship: UNITED STATES | |
| | | |
| Name: Thomas KIEBER-EMMONS | | |
| Mailing Address: 3231 Sawmill Road Newtown Square, PA 19073 USA | Signature. | |
| City/State of Actual Residence: Newtown Square, Pennsylvania | Date of Signature: | |

Citizenship: United States

| Name: David B. WEINER | |
|---|--|
| Mailing Address: 717 Beacom Lane Merion Station, PA 19066 USA | Signature |
| City/State of Actual Residence: Merion Station, Pennsylvania | Date of Signature: Citizenship: United States |
| | |

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Sundarasamy
MAHALINGAM; Velpandi AYYAVOO; Mamata
PATEL; Thomas KIEBER-EMMONS; David B.
WEINER
International Patent
Application No. PCT/US98/16890

International Filing Date: 14 August 1998

Serial No. 09/485421

 ∇Z

For: FUNCTIONAL FRAGMENTS OF HIV-1 VPR PROTEIN AND METHODS OF USING THE SAME

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; and

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a

| | | Utility | y Patent | | Design Patent |
|-------|-----------|-------------|-----------------|----------|--|
| is so | ught on t | he inve | ntion, whose ti | tle appe | ars above, the specification of which: |
| | | | is attached he | ereto. | |
| | | \boxtimes | was filed on | Augus | st 14, 1998 in the PCT/US/RO under |
| | | Int | ernational Seri | al No | PCT/US98/16890 . |
| | | | said annlicati | on havi | ng been amended on . |

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| | Serial Number | Date Filed | Patented/Pending/Abandoned |
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| | laim the benefit unde | r 35 U.S.C. § 119(e) of any | United States provisional |
| | Serial Number | Date File | ed |
| | 60/055,754 | 14 Augus | 1997 |
| | | | |

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| Mark DeLuca | Reg. No | 33,229 |
|-----------------|---------|--------|
| Paul K. Legaard | Reg. No | 38,534 |

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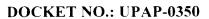
Mark DeLuca / Paul K. Legaard WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP

One Liberty Place - 46th Floor

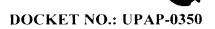
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| Birmingham AL 35209 USA City/State of Actual Residence: Birmingham, Alabama | Citizenship: <u>India</u> |
| | |



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| Wionroevine, r ennsylvania | Citizenship: <u>India</u> |
| | Chizenship. India |
| | |
| Name: Mamata PATEL | |
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| | |
| Mailing Address: | Signature |
| Mailing Address: | |
| | Data of Signatures |
| Cir (Cr. 4 of A 440 Decidence | Date of Signature: |
| City/State of Actual Residence: | |
| | Citizenship: |
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| | 7 |
| Name: Thomas KIEBER-EMMONS | |
| | 11/10 |
| | Momas Lik Emmon |
| Mailing Address: | Signature |
| 3231 Sawmill Road Newtown Square, PA 19073 USA | , , |
| - | Date of Signature: 04/21/00 |
| City/State of Actual Residence: | |
| Newtown Square, Pennsylvania | Citizenship: <u>United States</u> |
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| Name: David B. WEINER | | |
|---|-------------------------|----------|
| Mailing Address: 717 Beacom Lane Merion Station, PA 19066 USA | Signature | /15/2000 |
| City/State of Actual Residence: Merion Station, Pennsylvania | Date of Signature:9 | |
| | Citizensinp. United Sta | |

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Sundarasamy

MAHALINGAM; Velpandi AYYAVOO; Mamata PATEL; Thomas KIEBER-EMMONS; David B.

WEINER

International Patent

Application No.

PCT/US98/16890

International Filing Date: 14 August 1998

Serial No. 09/485421

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For: FU

FUNCTIONAL FRAGMENTS OF HIV-1 VPR PROTEIN AND METHODS OF

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Design Patent

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| | Serial Number | Date Filed | Patented/Pending/Abandoned |
| | | | |
| - | claim the benefit under n(s) listed below: | er 35 U.S.C. § 119(e) of any | United States provisional |
| | Serial Number | Date Filed | i |
| | 60/055,754 | 14 August | 1997_ |
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| Name: Mamata PATEL | | |
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| Name: David B. WEINER | |
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| | Citizenship: <u>United States</u> |
| | |

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Sundarasamy MAHALINGAM, et al.

Serial No.: 09/485,421 Group Art Unit: not yet known

International Appln. No.: PCT/US98/16890 Examiner: not yet assigned

International Filing Date: 14 August 1998

For: FUNCTIONAL FRAGMENTS OF HIV-1

VPR PROTEIN AND METHODS OF

USING THE SAME

Assistant Commissioner for Patents Washington DC 20231

Sir:

ASSOCIATE POWER OF ATTORNEY

The undersigned, of the firm WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP, One Liberty Place - 46th Floor, Philadelphia, Pennsylvania 19103, Attorney and/or Agents for Applicant(s), hereby appoints the following:

| D-1 D W 11 | D 14 4 274 | D 11 + CI | D 1 25 000 |
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| Robert B. Washburn | Registration No. 16,574 | David A. Cherry | Registration No. 35,099 |
| Richard E. Kurtz | Registration No. 19,263 | Terence P. Strobaugh | Registration No. 25,460 |
| John J. Mackiewicz | Registration No. 19,709 | Lynn A. Malinoski | Registration No. 38,788 |
| Norman L. Norris | Registration No. 24,196 | Michael J. Swope | Registration No. 38,041 |
| Dale M. Heist | Registration No. 28,425 | Michael J. Bonella | Registration No. 41,628 |
| John W. Caldwell | Registration No. 28,937 | Harold H. Fullmer | Registration No. 42,560 |
| Gary H. Levin | Registration No. 28,734 | William R. Richter | Registration No. 43,879 |
| Steven J. Rocci | Registration No. 30,489 | John E. McGlynn | Registration No. 42,863 |
| Dianne B. Elderkin | Registration No. 28,598 | Kimberly R. Hild | Registration No. 39,224 |
| John P. Donohue, Jr. | Registration No. 29,916 | Jonathan M. Waldman | Registration No. 40,861 |
| Henrik D. Parker | Registration No. 31,863 | Chad Ziegler | Registration No. 44,273 |
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| Lynn B. Morreale | Registration No. 32,842 | David N. Farsiou | Registration No. 44,104 |
| Joseph Lucci | Registration No. 33,307 | Paul K. Legaard | Registration No. 38,534 |
| Michael P. Dunnam | Registration No. 32,611 | Maureen S. Gibbons | Registration No. 44,121 |
| Michael D. Stein | Registration No. 34,734 | Steven H. Meyer | Registration No. 37,189 |
| Albert J. Marcellino | Registration No. 34,664 | Paul B. Milcetic | Registration No. P46,261 |
| David R. Bailey | Registration No. 35,057 | Joseph R. Condo | Registration No. 42,431 |
| Doreen Yatko Trujillo | Registration No. 35,719 | Michael K. Jones | Registration No. 41,100 |
| Barbara L. Mullin | Registration No. 38,250 | Frank T. Carroll | Registration No. 42,392 |
| Kevin M. Flannery | Registration No. 35,871 | Hans J. Crosby | Registration No. 44,634 |
| Michael P. Straher | Registration No. 38,325 | Mark J. Rosen | Registration No. 39,822 |
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- 2 -

PATENT

| Mitchell R. Brustein | Registration No. 38,394 | Christine A. Goddard | Registration No. P46,731 |
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| Eric H. Vance | Registration No. P47,151 | Gregory L. Hillyer | Registration No. 44,154 |
| Peter M. Ullman | Registration No. 43,963 | Patrick J. Farley | Registration No. 42,524 |
| Thomas E. Watson | Registration No. 43,243 | Ellen M. Klann | Registration No. 44,836 |
| Richard B. LeBlanc | Registration No. 39,495 | Steven B. Samuels | Registration No. 37,711 |
| Joseph D. Rossi | Registration No. 47,039 | Susan C. Murphy | Registration No. 46,221 |
| George J. Awad | Registration No. P46,528 | | |
| Steven D. Maslowski | Registration No. P46,905 | | |
| S. Maurice Valla | Registration No. 43,966 | | |
| Vincent J. Roccia | Registration No. 43,887 | | |
| Robin S. Quartin | Registration No. 45,028 | | |
| Maria M. Kourtakis | Registration No. 41,126 | | |

his/her associates with full power to prosecute the above-identified application and to transact all business in the Patent Office connected therewith and requests that correspondence continue to be directed to the firm of WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP at the above address.

Date:

Mark DeLuca Registration No. 33,229

Woodcock Washburn Kurtz Mackiewicz & Norris LLP One Liberty Place - 46th Floor Philadelphia PA 19103 Telephone: (215) 568-3100

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C 1997 WWKMN

I hereby appoint the following persons of the firm of **WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP**, One Liberty Place - 46th Floor, Philadelphia, Pennsylvania 19103 as attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

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| Name: Velpandi AYYAVOO | Signature Signature |
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| City/State of Actual Residence: Monroeville, Pennsylvania | Date of Signature:/ |
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